

SONY®

CAR BATTERY CORD DCC-2400

INSTRUCTION FOR USE

Your SONY Car Battery Cord (with stabilizer) DCC-2400 is designed to operate the SONY Videocorder DV-2400 and Video Camera DVC-2400 from a 12 volt car battery, using the cigarette lighter socket of the car.

PRECAUTIONS

- The SONY Car Battery Cord should be used from a 12 volt car battery only. For positive grounded cars, change the polarity of the cord and keep the metallic parts of the Videocorder or the video camera out of contact with the metallic parts of the car to avoid a possible short circuit.
- Keep the cord stabilizer box away from the head drum assembly of the Videocorder and video tapes.
- The reading on the Videocorder Battery Indicator does not meter the voltage of the self-contained batteries during operation from the car battery.
- For optimum performance, install noise suppressors on the spark plugs to prevent ignition noise. If your car has a radio that is not affected by ignition noise, installation of suppressors may not be required.

See your nearest SONY dealer if you have any questions regarding this Battery Cord.

GROUNDING

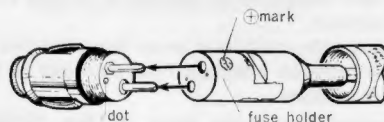
Before connecting the cord, determine whether your car uses a positive or negative ground. Nearly all cars manufactured in the United States, or for the American market, in the last ten years, use a negative ground electrical system. Your service station or dealer can supply this information.

The cord is factory preset for negative ground. If the electrical system uses a positive ground, change the internal cord connections as follows:

1. Unscrew the white cap.
2. Pull out the white female plug marked \oplus and \ominus .
3. Reinsert the female plug so that the dot at the foot of the pin on the male plug matches the \oplus mark on the female plug.
4. Screw the white cap back on tightly.

If the cord is connected to car of opposite polarity, the internal fuse will blow.

turn to open the cap

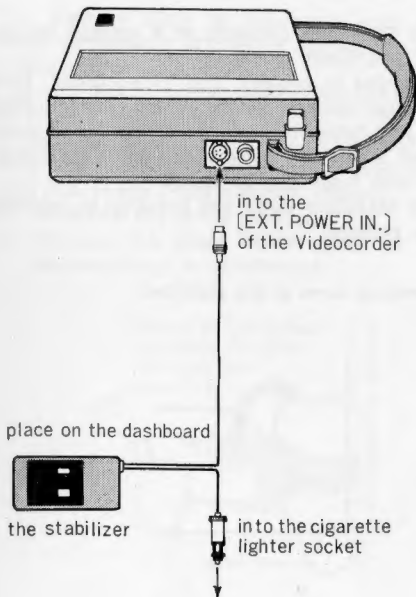


Note: Do not remove the fuse holder [FUSE] from the female plug except for replacement.

HOW TO OPERATE

1. Remove the cigarette lighter from the socket and insert the white plug of the Battery Cord. The red lamp on the stabilizer will light.
2. Place the stabilizer on the dashboard. The stabilizer is equipped with permanent magnets to secure it to any steel surface. Keep the stabilizer away from the heater to prevent possible heat damage to the transistors.
3. Insert the 4-pin plug of the Battery Cord into the external power connector [EXT. POWER IN.] of the Videocorder. Fully charged batteries should be inserted into the Videocorder. When the engine is running, the videocorder can be operated as usual.

If the videocorder does not contain fully charged batteries, it may not perform properly when the engine is off.



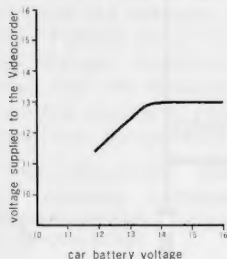
STABILIZER

The Stabilizer consists of a voltage regulator and fuses.

It serves to protect the Videocorder from damage caused by excessive current flow, by regulating the supply voltage to 13 volts, even when the battery voltage is excessive, as with high engine speed.

The stabilizer does not function to increase the voltage.

operating curve of the stabilizer



FUSES

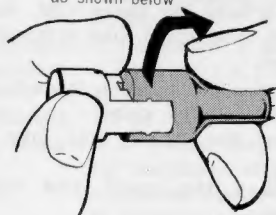
The Battery Cord is equipped with two fuses to prevent accidental damage to your Videocorder.

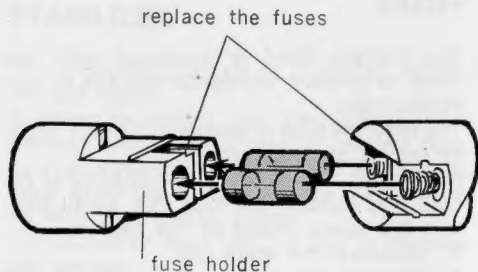
The fuse will blow if excessive current flows, as from a short circuit.

If the fuse blows, check the polarity of the cord and replace the fuse (3A, small size) with the spare (supplied) as follows:

1. Unscrew the white cap.
2. Remove the fuse holder (top of the female plug) as illustrated.

remove the fuse holder
by bending the holder
as shown below

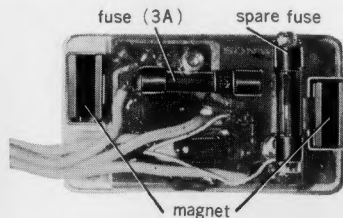




3. Insert the replacement fuses.
4. Insert the fuse holder into the female plug and tighten the white cap.

When the fuse inside the stabilizer blows, replace it with the spare (3A, large size) supplied. One spare fuse is mounted in the Stabilizer.

1. Remove the cover by loosening the four screws on the sides.
2. Insert the spare fuse into the fuse holder.
3. Replace the cover and tighten the screws.



SPECIFICATIONS

Voltage Input : DC 12 - 16 volts

Voltage Output : DC 13 volts

Output Current : 1.5 ampere (maximum)
while operating the
Videocorder

Semiconductors : 3 transistors 1 diode

Dimensions : 1-5/16" (h) × 1-3/4" (w)
× 3" (d)

Weight : 12 oz

Spare fuses : 3 amperes (large × 3)
for stabilizer, one
contained inside the box
3 amperes (small × 2)
for female plug

SONY CORPORATION